

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055916.D
 Acq On : 7 Dec 2022 16:12
 Operator : CG/JU
 Sample : PB149462BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149462BL

Quant Time: Dec 08 05:06:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

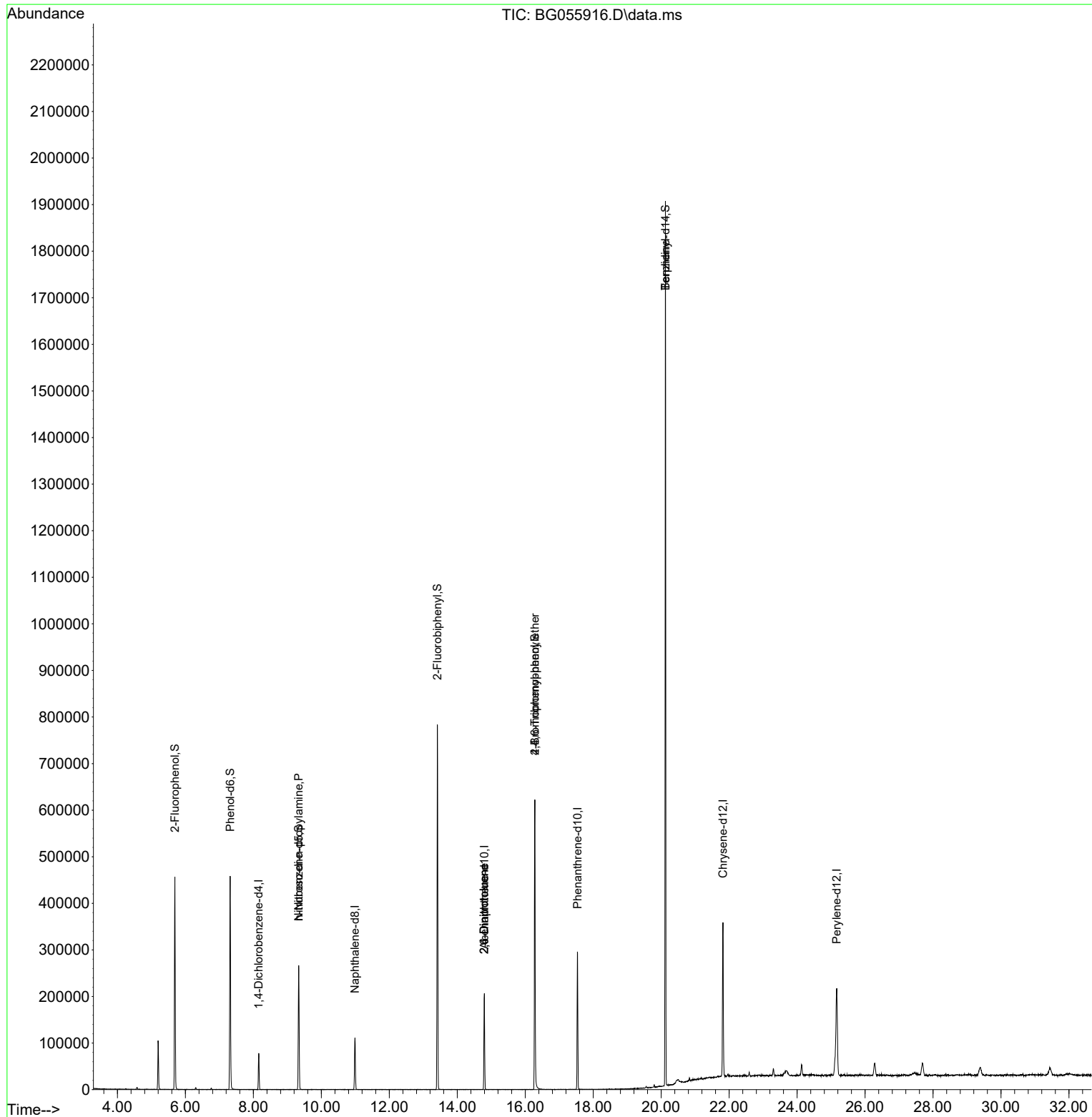
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	22185	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	96673	20.000	ng	0.00
39) Acenaphthene-d10	14.797	164	75208	20.000	ng	0.00
64) Phenanthrene-d10	17.541	188	196199	20.000	ng	0.00
76) Chrysene-d12	21.818	240	206969	20.000	ng	-0.01
86) Perylene-d12	25.167	264	216328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	186710	152.122	ng	0.00
7) Phenol-d6	7.317	99	247162	151.278	ng	0.00
23) Nitrobenzene-d5	9.333	82	154034	84.216	ng	-0.01
42) 2,4,6-Tribromophenol	16.283	330	135923	128.347	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	407295	81.132	ng	0.00
79) Terphenyl-d14	20.126	244	908106	87.758	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.333	70	20801	16.570	ng	# 78
51) 2,6-Dinitrotoluene	14.791	165	9801	7.995	ng	# 24
57) 2,4-Dinitrotoluene	14.791	165	9801	5.671	ng	# 22
67) 4-Bromophenyl-phenylether	16.283	248	8319	3.721	ng	# 1
77) Benzidine	20.126	184	14257	2.978	ng	# 89

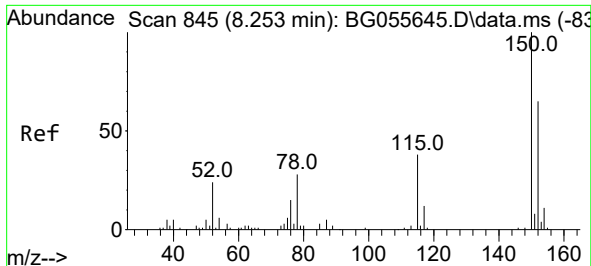
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
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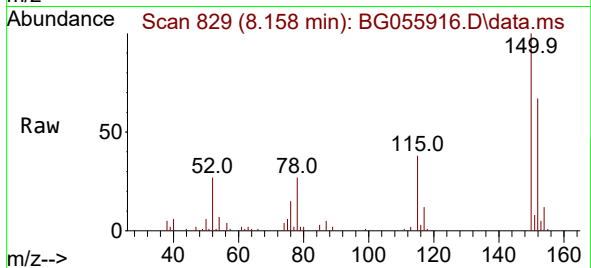
Quant Time: Dec 08 05:06:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration



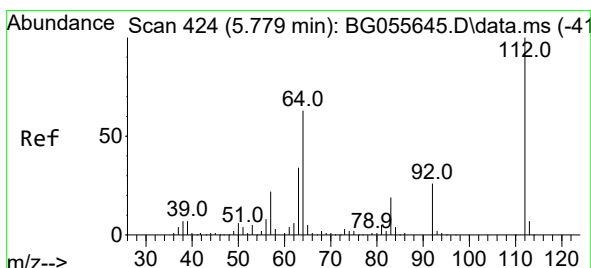
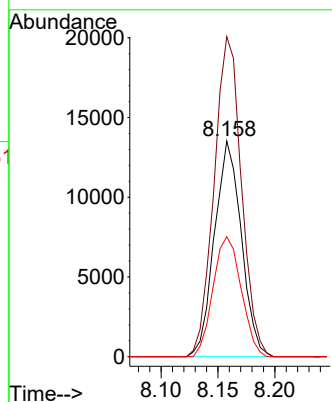
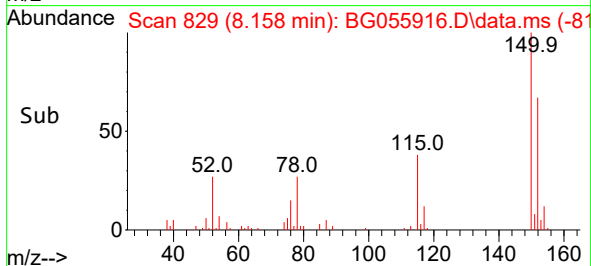


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

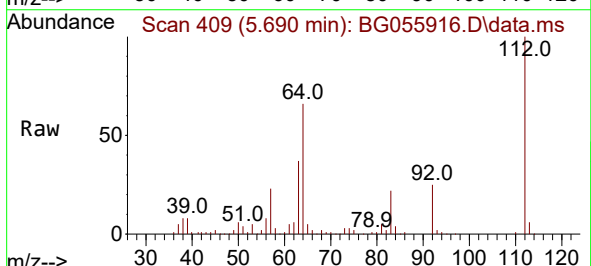
Instrument :
BNA_G
ClientSampleId :
PB149462BL



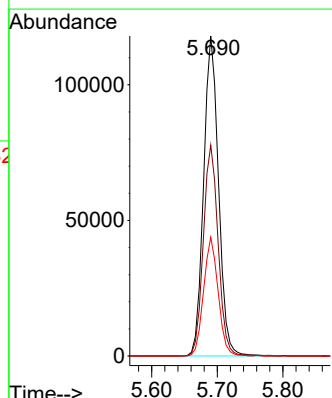
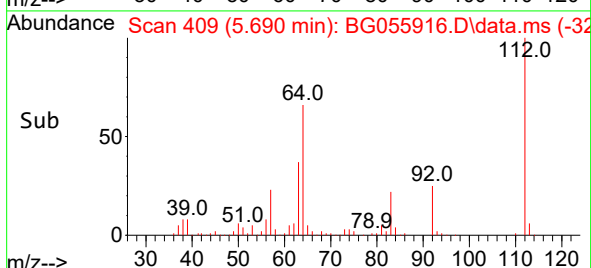
Tgt Ion:152 Resp: 22185
Ion Ratio Lower Upper
152 100
150 148.4 123.0 184.6
115 55.7 47.0 70.4

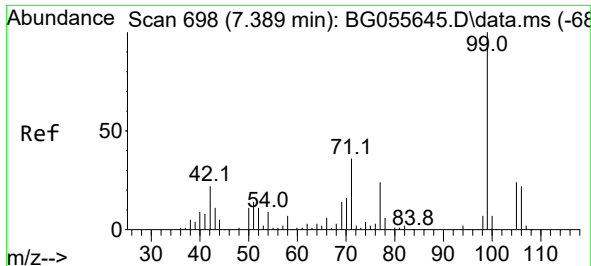


#5
2-Fluorophenol
Concen: 152.122 ng
RT: 5.690 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12



Tgt Ion:112 Resp: 186710
Ion Ratio Lower Upper
112 100
64 65.9 50.6 76.0
63 37.1 27.5 41.3

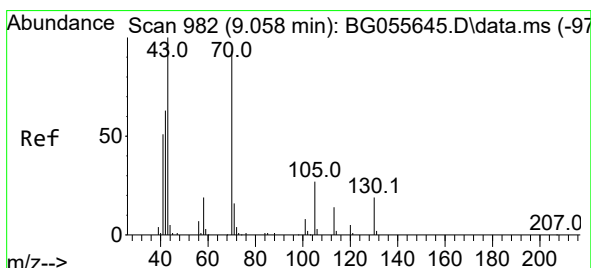
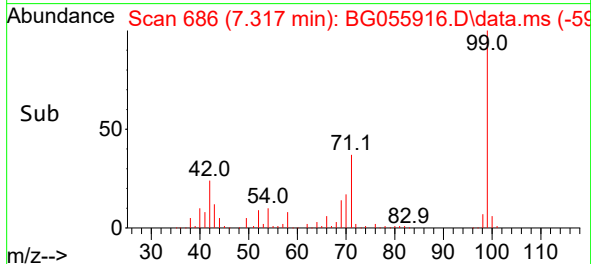
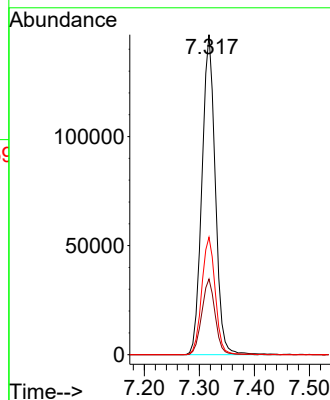
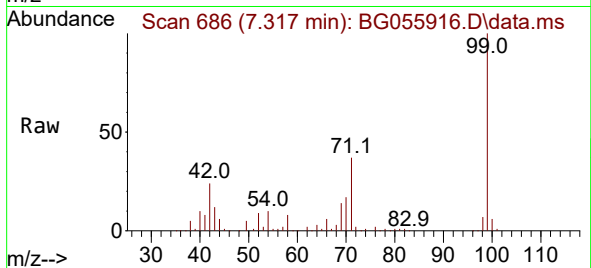




#7
Phenol-d6
Concen: 151.278 ng
RT: 7.317 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

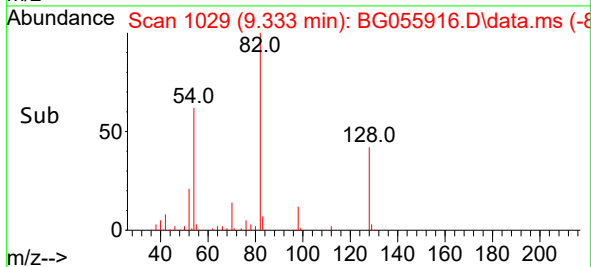
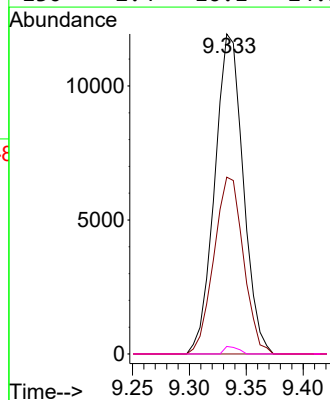
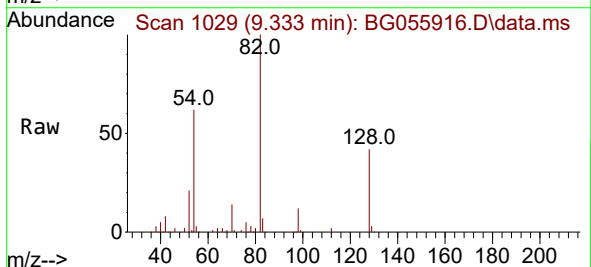
Instrument :
BNA_G
ClientSampleId :
PB149462BL

Tgt Ion: 99 Resp: 247162
Ion Ratio Lower Upper
99 100
42 23.6 18.0 27.0
71 36.7 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.570 ng
RT: 9.333 min Scan# 1029
Delta R.T. 0.360 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion: 70 Resp: 20801
Ion Ratio Lower Upper
70 100
42 55.2 55.2 82.8
101 0.0 7.1 10.7#
130 2.4 16.1 24.1#

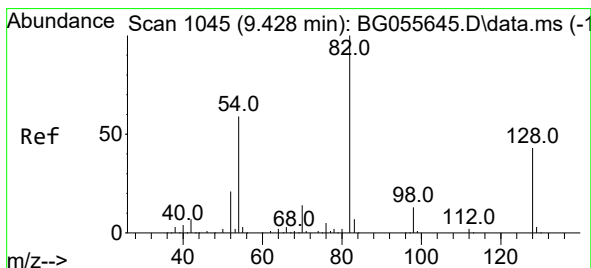
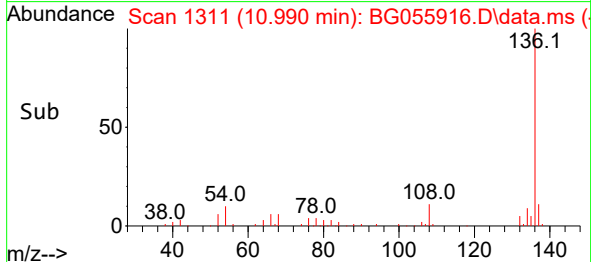
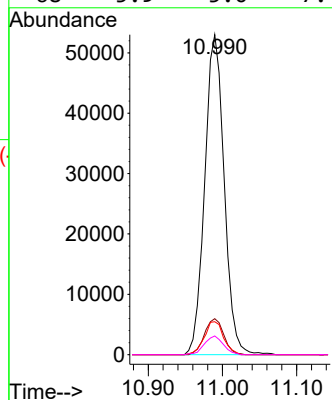
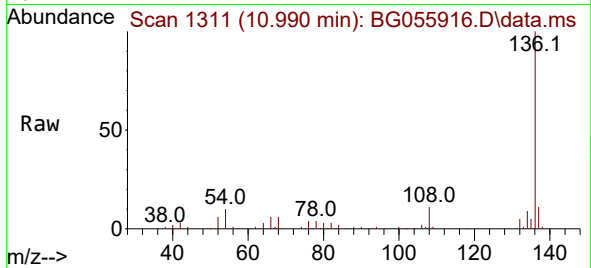




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.990 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

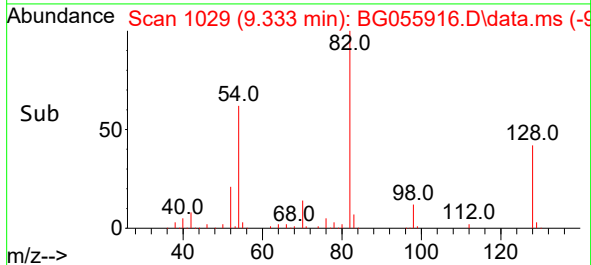
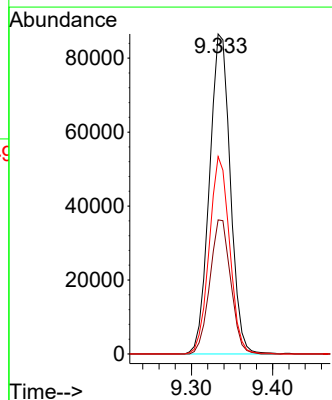
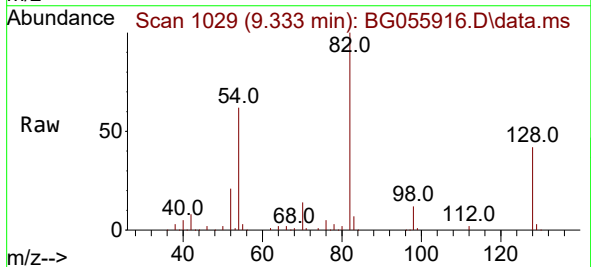
Instrument :
BNA_G
ClientSampleId :
PB149462BL

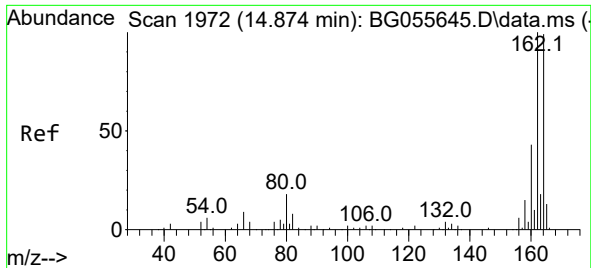
Tgt Ion:	136	Resp:	96673
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	10.3	7.8	11.6
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 84.216 ng
RT: 9.333 min Scan# 1029
Delta R.T. -0.010 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

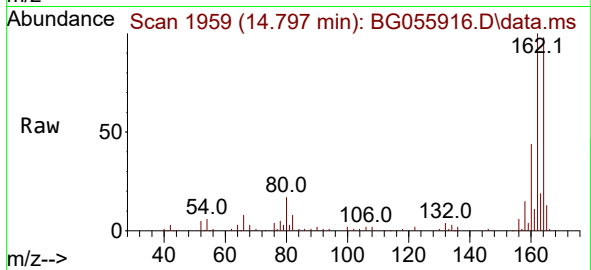
Tgt Ion:	82	Resp:	154034
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.1	51.1
54	61.7	47.3	70.9



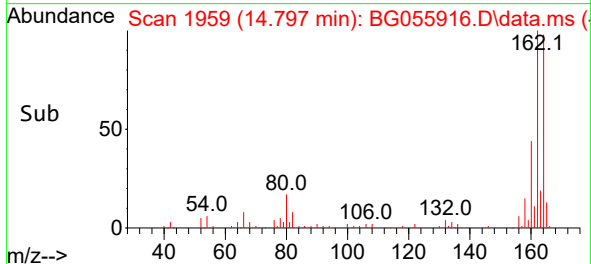
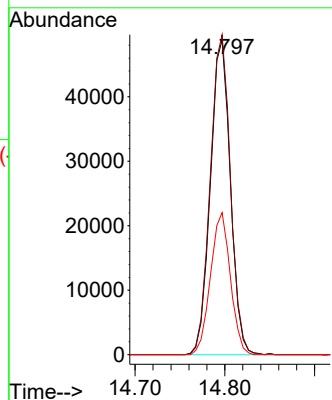


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.797 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Instrument :
BNA_G
ClientSampleId :
PB149462BL

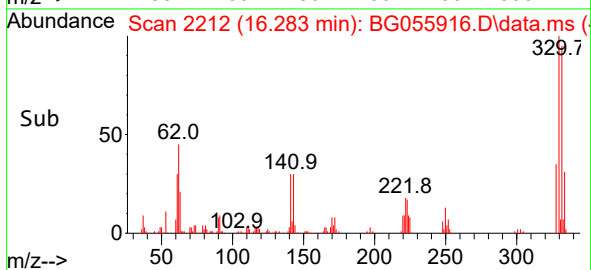
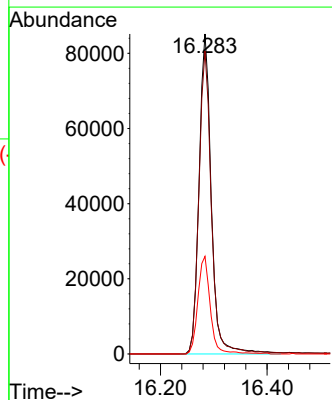
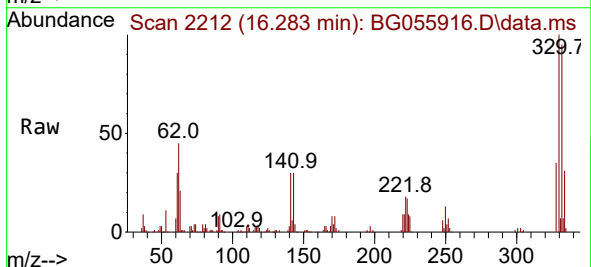


Tgt Ion:164 Resp: 75208
Ion Ratio Lower Upper
164 100
162 101.7 81.1 121.7
160 45.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 128.347 ng
RT: 16.283 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:330 Resp: 135923
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 30.9 23.9 35.9

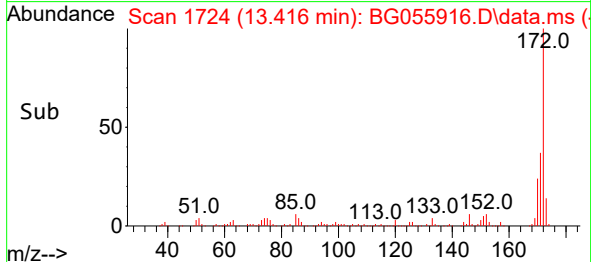
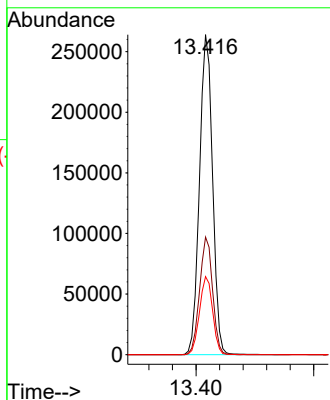
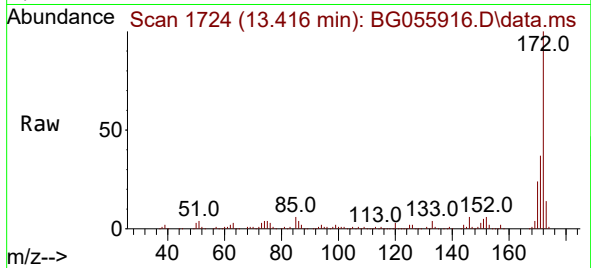




#45
2-Fluorobiphenyl
Concen: 81.132 ng
RT: 13.416 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

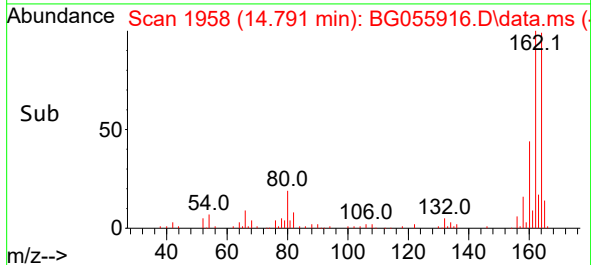
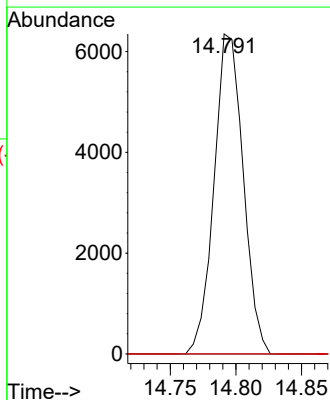
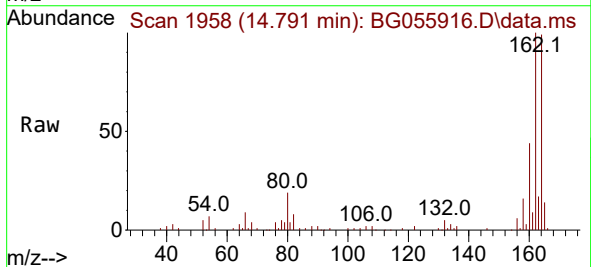
Instrument :
BNA_G
ClientSampleId :
PB149462BL

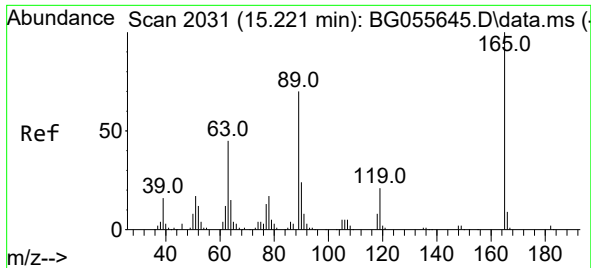
Tgt Ion:172 Resp: 407295
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.995 ng
RT: 14.791 min Scan# 1958
Delta R.T. 0.419 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:165 Resp: 9801
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.671 ng

RT: 14.791 min Scan# 1958

Delta R.T. -0.375 min

Lab File: BG055916.D

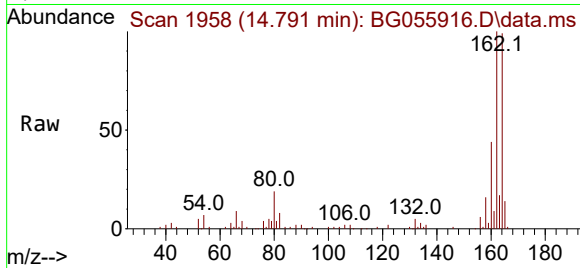
Acq: 7 Dec 2022 16:12

Instrument :

BNA_G

ClientSampleId :

PB149462BL



Tgt Ion:165 Resp: 9801

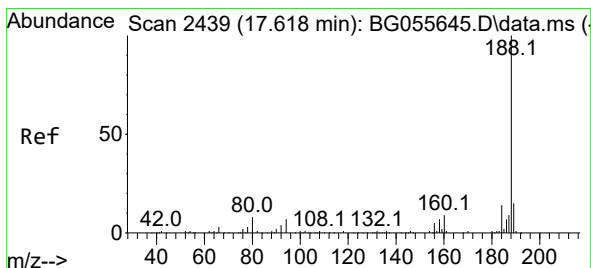
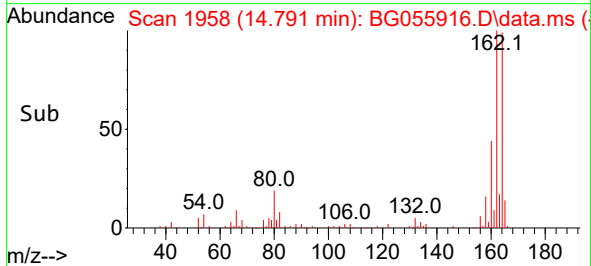
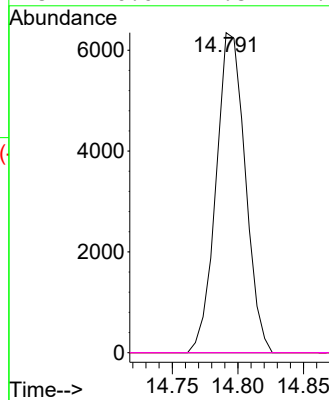
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.541 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BG055916.D

Acq: 7 Dec 2022 16:12

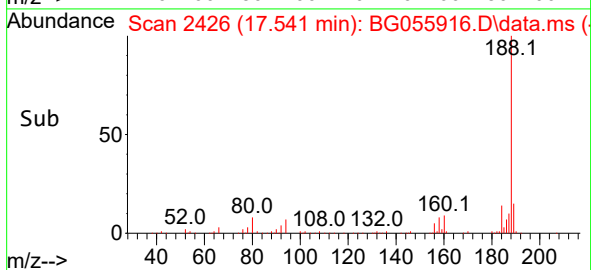
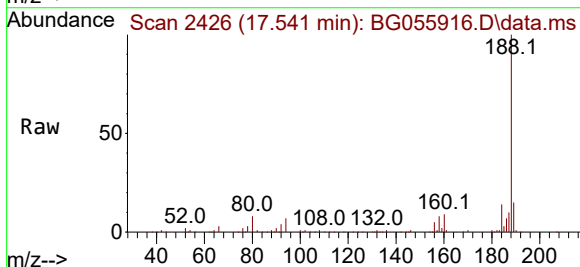
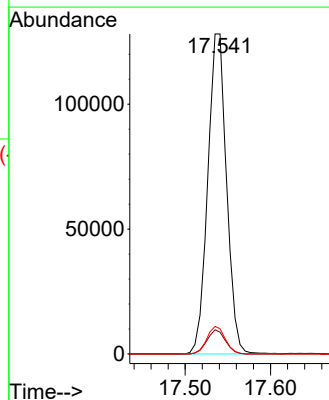
Tgt Ion:188 Resp: 196199

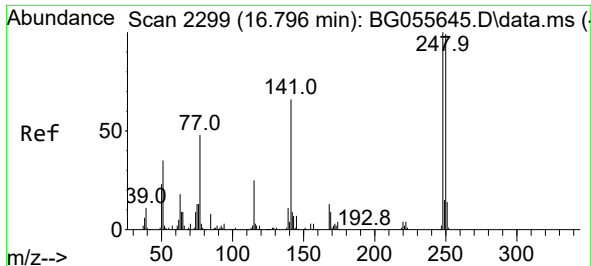
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 7.9 6.6 10.0

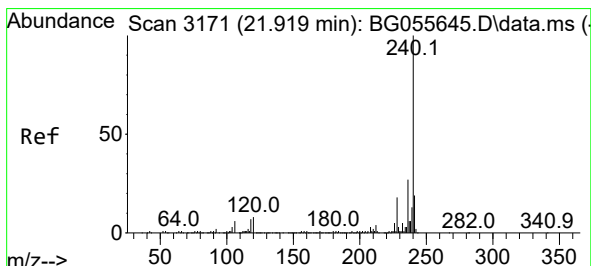
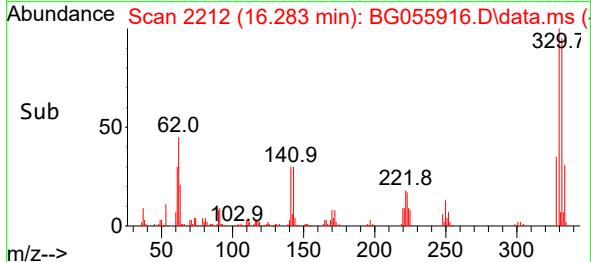
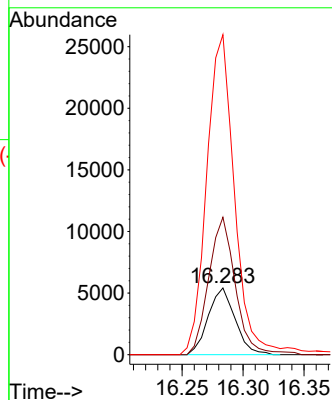
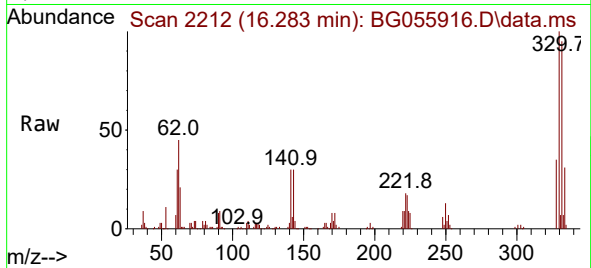




#67
4-Bromophenyl-phenylether
Concen: 3.721 ng
RT: 16.283 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

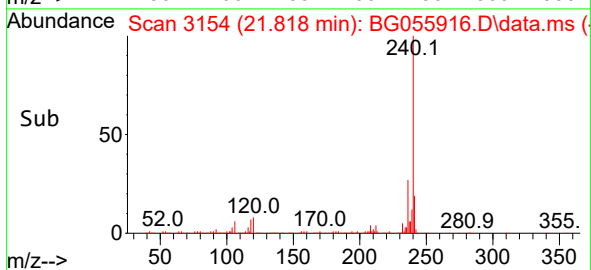
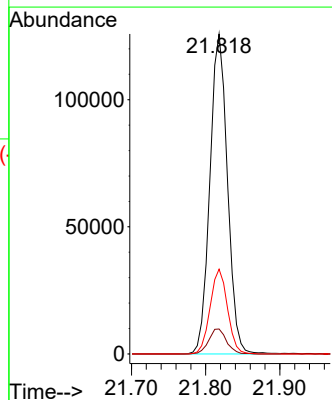
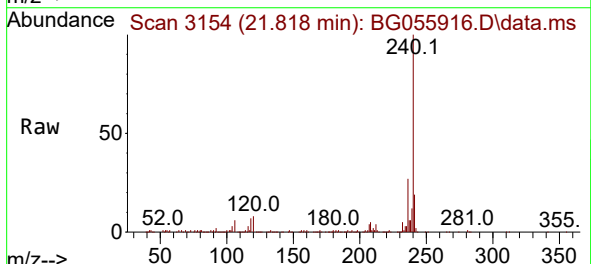
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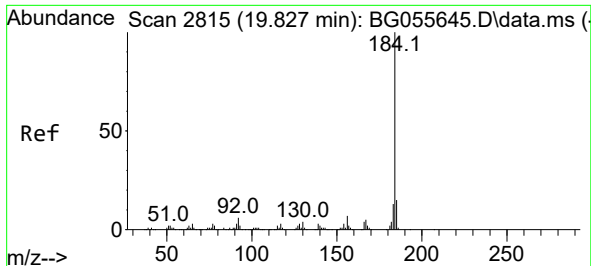
Tgt Ion:248 Resp: 8319
Ion Ratio Lower Upper
248 100
250 206.0 79.0 118.4#
141 479.6 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.010 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:240 Resp: 206969
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.5 21.9 32.9

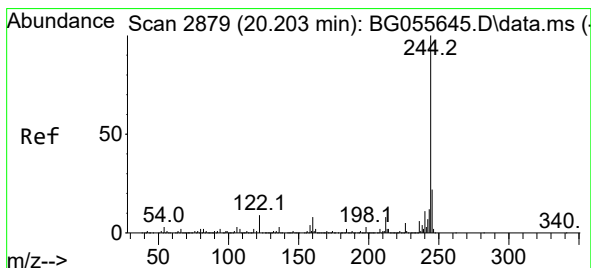
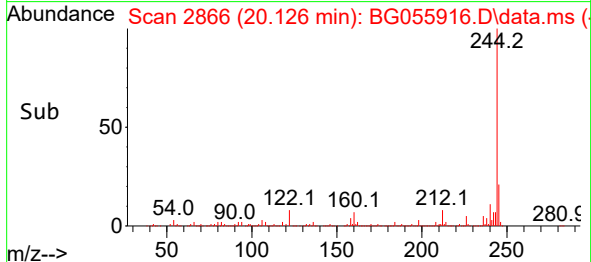
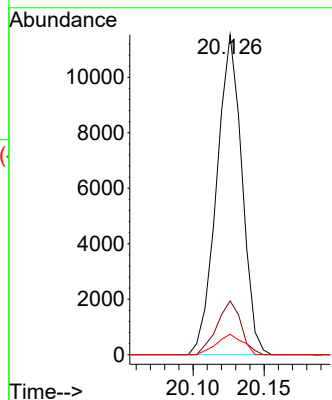
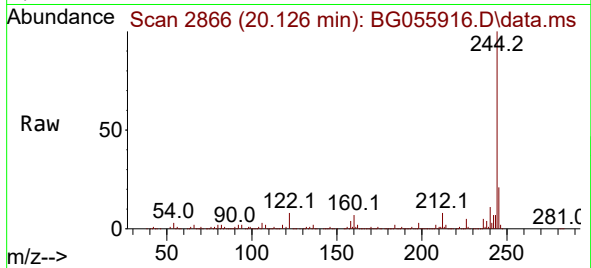




#77
Benzidine
Concen: 2.978 ng
RT: 20.126 min Scan# 2866
Delta R.T. 0.372 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

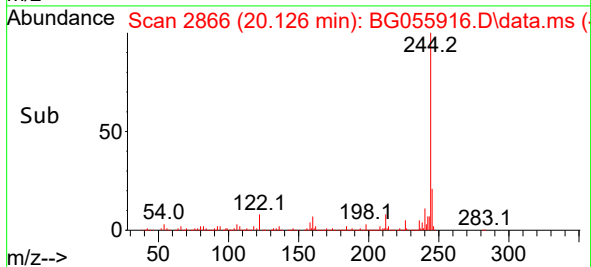
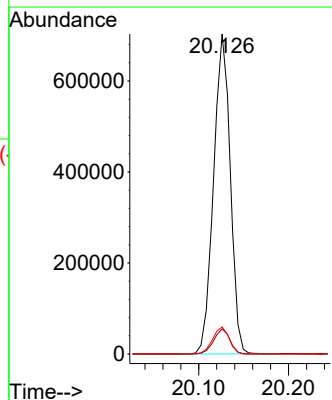
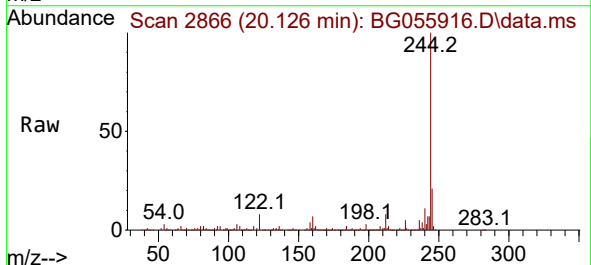
Instrument :
BNA_G
ClientSampleId :
PB149462BL

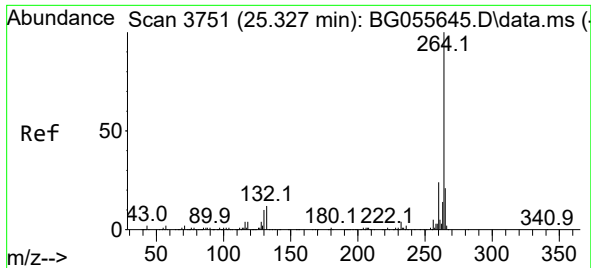
Tgt Ion:184 Resp: 14257
Ion Ratio Lower Upper
184 100
185 16.8 11.8 17.8
183 6.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 87.758 ng
RT: 20.126 min Scan# 2866
Delta R.T. -0.004 min
Lab File: BG055916.D
Acq: 7 Dec 2022 16:12

Tgt Ion:244 Resp: 908106
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.4 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.167 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG055916.D

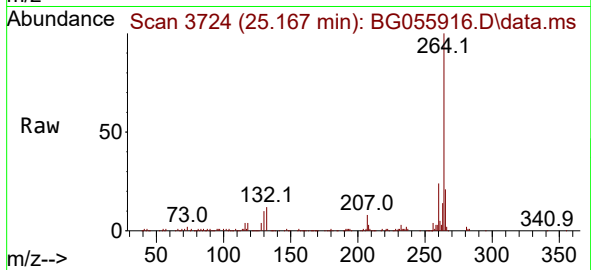
Acq: 7 Dec 2022 16:12

Instrument :

BNA_G

ClientSampleId :

PB149462BL



Tgt Ion:264 Resp: 216328

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.9 17.1 25.7

